## Index of Claims



| Application No. | Applicant(s)  |
|-----------------|---------------|
| 09/654,102      | Jensen et al. |
| Examiner        | Art Unit      |

|   | Rejected | _ | (Through numeral)<br>Cancelled |
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| : | Allowed  | ÷ | Restricted                     |

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| Cla      | aim      |         |          |          |          | Dat      | е  |  |              |              | ]:::::    | Cla   | aim      | L        |        | -      |
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| Final    | Original | 8/20/04 |          |          |          |          |  |  |              |              |           | Final | Original |          |        |        |
| 1        | 1        | =       |          |          |          |          |  |  |              |              |           |       | 51       |          |        | ľ      |
| 2        | 2        | =       |          |          |          |          |  |  |              | <u> </u>     |           |       | 52       |          |        | Γ      |
| 3        | 3        | =       | <u> </u> | L        |          | L        |  |  |              |              |           |       | 53       |          |        |        |
| 4        | 4        | ᆖ       |          | L        |          | L        |  |  | <u> </u>     |              |           |       | 54       |          |        | L      |
| 5        | 5        | =       |          | <u> </u> | L        | L.       | <u>L</u>   |  | <u> </u>     |              |           |       | 55       |          |        | L      |
| 6        | 6        | =       |          |          |          |          |  | <u> </u>   | _            | $oxed{oxed}$ |           |       | 56       |          |        | L      |
| 7        | 7        | =       | _        | _        | _        |          | ļ  | <del> </del> _                                   |              |              |           |       | 57       |          |        | L      |
| 8        | 8        | =       | _        | <u> </u> |          | <u> </u> | ļ  | <u> </u>   | ļ            |              |           |       | 58       | Ш        |        | L      |
| 9        | 9        | =       | <u> </u> | <u> </u> |          | <u> </u> | <u> </u>   | ऻ_   | -            | ļ            |           |       | 59       |          |        | L      |
| 10       | 10       | =       | <b>!</b> |          | <u> </u> | -        | <u> </u>   | 1  | 1            | <u> </u>     |           |       | 60       |          |        | L      |
| 11       | 11       | =       | <u> </u> |          |          | ļ        | _  | ╀  | ▙            | _            |           |       | 61       |          |        | L      |
| 12       | 12       | =       |          |          |          | <u> </u> | ⊢  | ⊢  | ├            |              |           |       | 62       |          |        | H      |
| 13       | 13       | =       |          | _        | _        | ┝        | ⊢  | ├  | ├            | -            |           |       | 63       |          |        | -      |
| 14<br>15 | 14       | =       |          |          |          | ļ        | ├  | ┼  | -            |              |           |       | 64       | $\vdash$ |        | L      |
|          | 15       | =       |          |          | ├-       | ├        | <del> </del>                                     | ╁  | -            | -            |           |       | 65       | $\vdash$ |        | H      |
| 16       | 16       | =       | H        |          | _        | _        | <del> </del>                                     | ├-   | $\vdash$     | -            |           |       | 66       |          |        | H      |
| 17       | 17       | =       |          | _        | _        | -        |  | ┼  | $\vdash$     | ├            |           |       | 67       |          |        | H      |
| 18       | 18       | =       | <u> </u> | -        | -        |          |  | ├  | ├            |              |           |       | 68       | -        |        | <br> - |
| 19<br>20 | 19<br>20 | =       |          |          | -        | <u> </u> |  | -  | ├            |              |           |       | 69<br>70 | -        |        | r      |
| 21       | 21       |         |          |          |          |          | ┢  | -  | -            | <b></b>      |           |       |          |          |        | _      |
| 22       | 22       | = =     |          | $\vdash$ |          | $\vdash$ | -  | ├  | H            | -            |           |       | 71       | -        |        | _      |
| 23       | 23       | =       | $\vdash$ |          |          | <u> </u> | -  | ┢  | -            | <u> </u>     |           |       | 72<br>73 |          |        | _      |
| 24       | 24       | -       | _        |          |          |          |  | ╁  |              | -            |           |       | 74       |          |        |        |
| 25       | 25       | _       |          | -        | -        |          |  | $\vdash$   | $\vdash$     | -            |           |       | 75       |          |        |        |
|          | 26       |         |          |          |          |          |  | <del>                                     </del> |              |              |           |       | 76       |          |        | _      |
|          | 27       |         |          |          |          |          |  | -  | <del> </del> | $\vdash$     |           |       | 77       | -        |        | _      |
|          | 28       |         | H        |          |          | -        | <del>                                     </del> | $\vdash$   |              | -            |           |       | 78       | $\dashv$ | -      | _      |
|          | 29       |         |          |          |          |          | $\vdash$   | $\vdash$   | -            | -            |           |       | 79       |          |        | -      |
|          | 30       |         |          |          |          |          |  | H  |              |              |           |       | 80       | $\dashv$ |        | -      |
|          | 31       |         |          | _        |          |          |  | -  |              |              |           |       | 81       |          |        | -      |
|          | 32       |         |          |          |          |          | -  |  |              |              |           | _     | 82       |          |        | -      |
|          | 33       |         |          | _        | _        |          |  |  |              |              |           |       | 83       |          | Ħ      | -      |
|          | 34       |         |          |          |          |          | _  |  |              |              |           |       | 84       |          |        | -      |
|          | 35       |         |          |          |          |          |  |  |              |              |           |       | 85       | 寸        |        | -      |
|          | 36       |         |          |          |          |          |  | $\vdash$   |              |              |           |       | 86       | _        | $\neg$ | -      |
|          | 37       |         |          |          |          |          |  | <u> </u>   |              |              |           |       | 87       |          | 一      | _      |
|          | 38       |         |          |          |          | _        |  |  |              |              |           |       | 88       | $\neg$   |        | _      |
|          | 39       |         |          |          |          |          |  |  |              |              |           |       | 89       | $\neg$   | ヿ      | _      |
|          | 40       |         |          |          |          | -        |  |  |              |              |           |       | 90       |          | T      | _      |
|          | 41       |         |          |          |          |          |  |  |              |              |           |       | 91       |          |        | _      |
|          | 42       |         |          |          |          |          |  |  |              |              |           |       | 92       |          |        | _      |
|          | 43       |         |          |          |          |          |  |  |              |              |           |       | 93       |          |        | _      |
|          | 44       |         |          |          |          |          |  |  |              |              | :::: <br> |       | 94       |          |        | _      |
|          | 45       |         |          |          |          |          |  |  |              |              |           |       | 95       |          | _1     | _      |
|          | 46       |         |          | $\Box$   |          |          |  |  |              |              |           |       | 96       |          | Ī      | _      |
|          | 47       |         |          |          |          |          |  |  |              |              | :::::[    |       | 97       |          |        | _      |
|          | 48       |         |          |          |          |          |  |  |              |              |           |       | 98       |          |        | _      |
|          | 49       | $\Box$  |          |          |          | ]        |  |  |              |              |           |       | 99       |          |        | _      |
| T        | 50       | Ī       | ĺ        | Ī        |          | I        |  |  | T            | ]            | :::::[    |       | 100      | T        | T      | _      |

|     |          | aim                                    |          |             |              |  | D~*        |          |              |              |          | ٦            |
|-----|----------|--|----------|-------------|--------------|--|------------|----------|--------------|--------------|----------|--------------|
|     |          | i                                      | $\vdash$ | <del></del> | 1            | $\mathbf{T}$                                     | <u>Dat</u> | Ť        | _            | _            | т-       | 4            |
|     | _        | Original                               |          |             | 1            |  | 1          |          | 1            | 1            |          |              |
|     | Final    | i                                      |          |             |              |  |            |          |              |              | 1        |              |
|     | ĹŢ.      | \ <u></u>                              |          | l           |              |  |            |          |              |              |          |              |
|     |          | 1                                      |          |             |              |  |            |          |              |              |          |              |
|     |          | 51<br>52<br>53<br>54<br>55             |          |             |              |  |            |          |              |              |          |              |
|     |          | 52                                     |          |             |              |  |            |          |              |              |          |              |
|     |          | 53                                     |          |             |              |  |            | 1        | 1            | $\vdash$     | Т        | 1            |
|     |          | 54                                     |          |             |              | T  | T          |          | †            |              | †        | 1            |
|     |          | 55                                     |          |             | $\vdash$     | t  |            | H        | +-           | ╁            | +        | 1            |
|     |          | 56                                     | -        |             |              | ┼  | ╁          | ╁        | ╁            | ╁            | +-       |              |
|     | ļ        | 57                                     | $\vdash$ | _           | ┢            | $\vdash$   | ╁┈         | ⊬        | ╁            | ┢            | $\vdash$ | 1            |
|     | <u> </u> | 57                                     |          | -           |              | -  | ╁          | $\vdash$ | $\vdash$     | ⊢            | ┼        | -            |
|     | ļ        | 58                                     | ⊢        | ⊢           | ⊢            | ┾  | ┼          | ⊢        | ╁            | ⊢            | ├        | 4            |
|     | <u> </u> | 59                                     | <u> </u> | _           | ┢            | ╄  |            | ـــ      | Н_           | _            | ┞        | 4            |
|     |          | 60                                     |          |             | <u> </u>     | L  | <u> </u>   | <u> </u> | ╄            | <u> </u>     | ↓        | 4            |
|     | <u> </u> | 61<br>62                               | _        | <u> </u>    | $\perp$      | $\perp$  | <u> </u>   | L_       | _            | _            | 1_       | _            |
|     | <u> </u> | 62                                     |          |             | 1            | _  |            |          | <u>L</u>     |              | $\perp$  |              |
|     |          | 63                                     |          | <u> </u>    | _            | $\perp$  | L          | L        | L            |              | L        | J            |
|     | L        | 64                                     | $L^{-}$  | L           | L            | L  | L          | 1        |              |              |          | 1            |
|     |          | 65                                     |          | <u> </u>    |              |  |            | Γ        |              |              |          | 1            |
|     |          | 63<br>64<br>65<br>66<br>67             |          |             |              | Π  | Τ          | T        |              | T            | 1        | 1            |
|     |          | 67                                     |          |             | T            | <del>                                     </del> | 1          |          | 1            | Г            | 1        | 1            |
|     |          | 68                                     |          |             |              | <u> </u>   | ╁          | t        | H            | <del> </del> | 1        | 1            |
|     |          | 60                                     |          | -           |              | -  | $\vdash$   | $\vdash$ | ┼┈           | $\vdash$     | $\vdash$ | ┨            |
|     |          | 69<br>70                               |          |             |              | -  | $\vdash$   | ╁        | ├            | ┢            | ┢        | ┨            |
|     |          | 70                                     |          |             |              |  | -          | ┝        | ⊢            | ├            | ├—       | 4            |
|     |          | 71<br>72<br>73<br>74<br>75<br>76<br>77 |          |             |              | ┡  | <u> </u>   | -        | $\vdash$     |              |          | Į            |
|     |          | 72                                     |          | _           | _            | <u> </u>   | _          | <u> </u> | <u> </u>     | _            | _        | 1            |
|     |          | 73                                     |          |             | _            |  | L.         |          |              |              | L        | l            |
|     |          | 74                                     |          |             | L            | <u> </u>   | <u> </u>   |          |              | L.,          |          | l            |
|     |          | 75                                     |          |             |              |  |            |          |              |              |          | l            |
|     |          | 76                                     |          |             |              |  |            |          |              |              |          | J            |
|     |          | 77                                     |          |             |              | [  |            |          |              |              |          |              |
|     |          | 78                                     |          |             |              |  |            |          |              |              |          | 1            |
|     |          | 79<br>80                               |          |             |              |  |            |          |              |              |          | 1            |
|     |          | 80                                     |          |             | _            | -  | 1          |          |              |              |          | 1            |
|     |          | 81                                     |          |             |              |  | <u> </u>   | <b> </b> | †            |              |          | 1            |
|     |          | 82                                     |          |             | $\vdash$     |  | $\vdash$   | $\vdash$ | Ι-           | $\vdash$     |          | 1            |
|     |          | 83                                     |          |             | ┢            | -  | -          | $\vdash$ | $\vdash$     | -            | ⊢        | ł            |
|     |          | 84                                     |          |             | <del> </del> |  |            | -        |              | $\vdash$     | ├        | 1            |
|     |          | 04<br>0 <i>E</i>                       |          |             | <del> </del> |  |            | $\vdash$ | $\vdash$     |              | $\vdash$ | $\mathbf{I}$ |
|     |          | 85                                     |          |             | <u> </u>     | <u> </u>   | -          |          | <del> </del> | 1            |          | ł            |
|     |          | 86                                     |          |             | _            | <del> </del>                                     | ļ          | $\vdash$ |              | <u> </u>     | <u> </u> | ł            |
|     |          | 87                                     | _        |             |              | ⊢  | <u> </u>   | _        |              |              | <u> </u> | ł            |
|     |          | 88                                     |          |             | _            | <u> </u>   |            | <u> </u> | <u> </u>     |              |          | l            |
|     |          | 89                                     |          |             |              | ldash  |            | _        |              | L.           |          | 1            |
|     |          | 90                                     |          |             |              |  |            |          |              | L            | L        |              |
| [   |          | 91                                     | 1        |             |              |  |            |          | _            |              |          |              |
| - [ |          | 92                                     |          |             |              |  |            | Ī        |              |              |          | 1            |
|     |          | 93                                     | 1        |             |              | - "  |            |          |              |              | Γ        | 1            |
|     |          | 94                                     | T        |             |              |  |            |          |              |              |          | 1            |
| ı   |          | 95                                     | $\dashv$ |             |              |  | П          |          |              |              | $\vdash$ | 1            |
| ı   |          | 96                                     |          | $\dashv$    | -            |  | -          |          | -            |              | _        | 1            |
|     | $\dashv$ | 97                                     | $\dashv$ |             |              |  | -          |          | $\vdash$     | -            | -        | 1            |
| H   |          | 00                                     | $\dashv$ |             |              |  |            |          |              |              | $\vdash$ | ı            |
| -   |          | 98                                     | $\dashv$ |             |              |  | -          |          |              |              | -        | 1            |
| 1   |          | 99                                     |          | $\dashv$    |              |  |            |          |              |              |          |              |

| CI    | aim               | Date     |  |                |          |          |  |  |                  |          |  |
|-------|-------------------|----------|--|----------------|----------|----------|--|--|------------------|----------|--|
| Final | Original          |          |  |                |          |          |  |  |                  |          |  |
|       | 101<br>102        |          |  |                |          |          |  |  |                  |          |  |
|       | 102               |          |  | _              |          |          |  |  |                  |          |  |
|       | 103               | <u> </u> | <u> </u>   | <u> </u>       | ╙        | 上        | L  | L  | ļ.,              | Щ        |  |
|       | 104               | -        |  | <u> </u>       |          |          | ╀  | ļ  | <u> </u>         | Ш        |  |
|       | 105               | -        | -  | $\vdash$       | ╄        | ╀        | <del> </del>                                     | ┡  | ļ                | Ш        |  |
|       | 106<br>107        | -        |  | <del> </del>   | ╁        | +-       | ╁  | -  | -                | $\vdash$ |  |
|       | 108               |          | 1  | <del> </del>   | 1        | ╁        | +-   | +  | ├                | H        |  |
|       | 109               |          | 1  | -              | †        | $t^-$    | †  | <del>                                     </del> | <del>  -</del> - |          |  |
|       | 110               | -        |  | 1              | 1        | t        |  |  |                  |          |  |
|       | 111               |          |  |                |          |          |  |  |                  |          |  |
|       | 112<br>113        |          |  | L              |          |          |  |  |                  |          |  |
|       | 113               | L        |  | <u>_</u>       | _        | <u> </u> | _  | <u> </u>   | <u> </u>         | Ш        |  |
|       | 114               | L        | ┞  | 1_             |          | ـــ      | <u> </u>   | L.   | ļ                | Ш        |  |
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|       | 116<br>117        | -        | ├  | ⊢              | -        |          | -  |  | H                | Н        |  |
|       | 118               | -        | ├─   | ┢              | ├        | ╁        |  | ├  | $\vdash$         | $\vdash$ |  |
|       | 119               |          |  | <del>  -</del> | $\vdash$ |          | <del> </del>                                     | H  | ├                | Н        |  |
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|       | 120<br>121        |          |  |                | T-       | T        |  | l —  |                  |          |  |
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|       | 123<br>124        | L.       |  |                | L.       |          |  |  |                  |          |  |
|       | 124               | L        | _  |                | ļ        | ╙        |  | _  | L                | Ш        |  |
|       | 125               |          | -  |                | $\vdash$ | ⊢        | <del> </del>                                     | ļ  | <u> </u>         | $\vdash$ |  |
|       | 125<br>126<br>127 | -        |  | -              |          | ├—       | -  | ├  | -                | H        |  |
|       | 128               | _        | <del> </del>                                     |                |          | ļ —      |  | -  | _                | $\vdash$ |  |
|       | 128<br>129        |          | <del>                                     </del> | <u> </u>       |          | $\vdash$ | 1  | -  |                  |          |  |
|       | 130               |          |  |                |          |          |  |  | _                | М        |  |
|       | 131               |          |  |                |          |          |  |  |                  |          |  |
|       | 132               |          |  | L              | _        | L        | _  |  |                  |          |  |
| -     | 133               |          |  |                |          | ļ        | ļ  | <u> </u>   | <u> </u>         | Ш        |  |
|       | 134<br>135        |          |  |                | <u> </u> | -        | ⊢  |  | _                | Н        |  |
|       | 136               |          | $\vdash$   | <u> </u>       |          | ⊢        | <del> </del>                                     | -  | -                | Н        |  |
|       | 136<br>137        |          | $\vdash$   | -              |          | -        | -  | -  |                  | $\dashv$ |  |
|       | 138               |          |  | <u> </u>       |          | -        |  | _  |                  | $\dashv$ |  |
|       | 139               |          |  |                | <u> </u> |          |  |  |                  | Ħ        |  |
|       | 140               |          |  |                |          |          |  |  |                  | П        |  |
| ]     | 141               |          |  |                |          |          |  |  |                  |          |  |
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|       | 143               |          | L  |                |          | ļ        | <u> </u>   | _  |                  |          |  |
|       | 144<br>145        |          |  |                |          | H        |  | Н  |                  | $\sqcup$ |  |
|       | 146               |          |  |                | -        | H        | -  | -  |                  | $\vdash$ |  |
|       | 147               | _        |  |                |          |          |  | -  | -                | $\dashv$ |  |
|       | 148               |          | Н  |                |          | Н        |  | H  | -                | $\dashv$ |  |
|       | 149               |          |  |                |          |          |  |  |                  |          |  |
|       | 150               |          |  |                |          |          |  |  |                  |          |  |